

PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/783,720
Filing Date	February 19, 2004
First Named Inventor	Oldham et al.
Group Art Unit	3672
Examiner Name	T. Bomar
Attorney Docket Number	1684-6036US (484-28684-US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
TSB		US-4,255,165	03/10/1981	Dennis et al.	
		US- 5,025,874	06/25/1991	Barr et al.	
		US- 5,027,912	07/02/1991	Juergens	
		US- 5,135,081	08/04/1992	Newton, Jr.	
		US- 5,423,387	06/13/1995	Lynde	
		US- 5,531,281	07/02/1996	Murdock	
TSB		US- 5,887,655	03/30/1999	Haugen et al.	
		US- 5,887,668	08/08/1999	Haugen et al.	
TSB		US- 5,979,571	11/09/1999	Scott et al.	
TSB		US- 6,009,962	01/04/2000	Beaton	
TSB		US- 6,073,518	06/13/2000	Chow et al.	
TSB		US- 7,025,156 B1	04/11/2006	Caraway	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
TSB		GB 2 086 451 A	05/12/1982	Jurgens		
TSB		WO 98/13572	04/02/1998	Scott et al.		

Examiner
Signature

/T. Shane Bomar/

Date
Considered

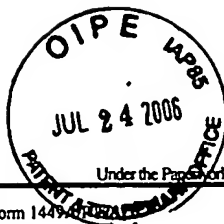
10/02/2006

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

* Previously cited on form 892 mailed 4/20/2006



PTO/SB/08A (10-01)

Approved for use through 10/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449, 07/2004

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/783,720
Filing Date	February 19, 2004
First Named Inventor	Oldham et al.
Group Art Unit	3672
Examiner Name	T. Bomar
Attorney Docket Number	1684-6036US (484-28684-US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
TSB		US- 1,342,424	06/08/1920	Cotten	
		US- 1,981,525	11/20/1934	Price	
		US- 1,997,312	04/09/1935	Satre	
		US- 3,624,760	11/30/1971	Bodine	
		US- 4,190,383	02/26/1980	Pryke et al.	
		US- 4,759,413	07/26/1988	Bailey et al.	
		US- 5,311,954	05/17/1994	Quintana	
		US- 5,979,571	11/09/1999	Scott et al.	
		US- 6,131,675	10/17/2000	Anderson	
		US- 6,415,877	07/09/2002	Fincher et al.	
		US- 6,612,383	09/02/2003	Desai et al.	
		US- 6,648,081	11/18/2003	Fincher et al.	
		US- 6,708,769	03/23/2004	Haugen et al.	
		US- 2004/0124010	07/01/2004	Galloway et al.	
TSB		US- 2005/0183892 A1	08/25/2005	Oldham et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ³ - Kind Code ³ (if known)				
TSB		WO 2004/097168	11/11/2004	Shell Internationale Research Maatschappij B.V.		

Examiner
Signature

/T. Shane Bomar/

Date
Considered

10/02/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/783,720
		Filing Date	February 19, 2004
		First Named Inventor	Oldham et al.
		Group Art Unit	3672
		Examiner Name	T. Bomar
		Attorney Docket Number	1684-60361US (484-28684-US)
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TSB		Partial International Search Report dated May 27, 2005 (6 pages).	

Examiner Signature	/T. Shane Bomar/	Date Considered	10/02/2006
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.